USA

Operating instructions for dishwashers

G 522 U / G 522 i

Miele

DISHWASHERS

IMPORTANT SAFETY INSTRUCTIONS

Warning – When using your dishwasher, follow basic precautions including the following:

1. Read all instructions before using the dishwasher.
2. Do not allow children to play in, on, or near a dishwasher.
3. Do not allow children to operate your dishwasher.
4. Only use the dishwasher for its intended function.
5. This dishwasher must be electrically grounded. Read installation instructions for details.
6. Do not touch the heating element located below the lower rack during or immediately after use.
7. Use only those detergents and rinsing aids recommended for dishwasher use, and keep them out of the reach of children.
8. Do not use your dishwasher unless all enclosure panels are properly in place.
9. Do not tamper with controls.
10. Do not abuse, sit, or stand on the dishwasher door or dish racks.
11. To prevent accidental entrapment, remove the door of the dishwasher when discarding the appliance.
12. Do not wash plastic items unless marked "dishwasher safe" or the equivalent. For items not marked, check manufacturer's recommendations.
13. When loading items to be washed, place sharp items with handle-up to reduce the risk of cut-type injuries.
14. Hydrogen gas may build up in the water heater and hot water pipes when the hot water system has not been used for two weeks or more. CAUTION – hydrogen gas is explosive. To prevent injury of damage, turn on all hot water faucets and allow water to run for several minutes. Do not use the dishwasher before doing so. As running hot water will release any accumulated hydrogen gas, do not smoke or use an open flame while the faucets are open.
15. Always disconnect electrical power to dishwasher before attempting to service the appliance.

SAVE THESE INSTRUCTIONS

Open this page out

Description of the appliance

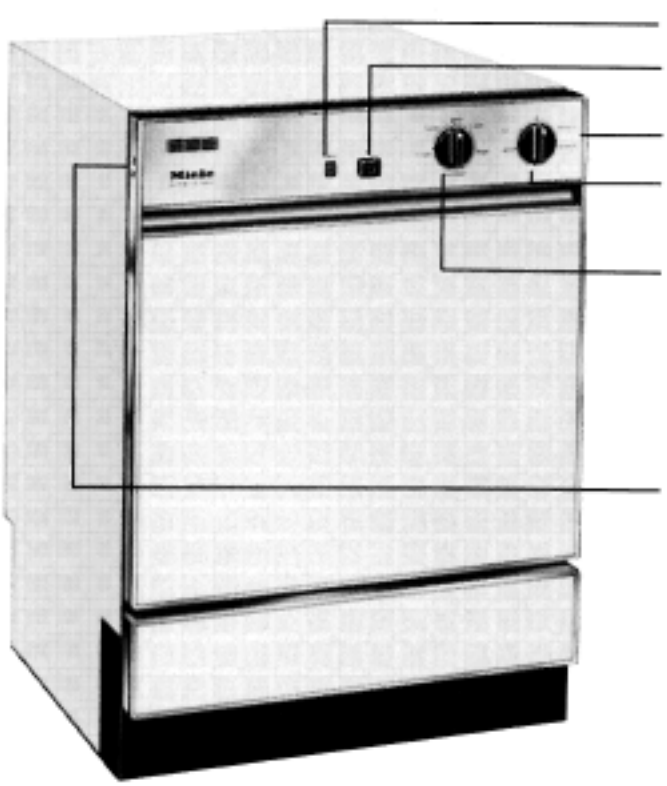
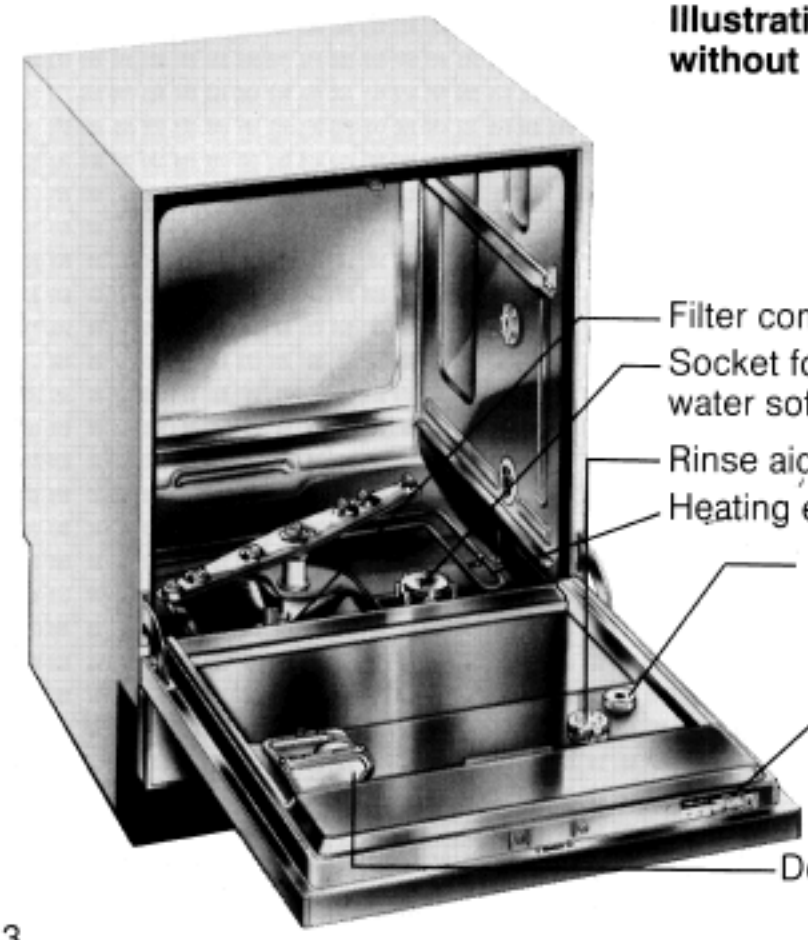


Illustration shows G 522 U without baskets in place



The instructions given in this booklet apply to all models listed on the front page.
The dishwashers differ mainly in outer construction:

- G 522 U: Built under dishwasher (without countertop)
- G 522 i: Integrated dishwasher for building under (without countertop). The front can be fitted with a 0.8 inch thick base unit door front.

Important: To ensure stability, these dishwashers must only be installed under a continuous countertop which must be securely screwed to neighboring units.

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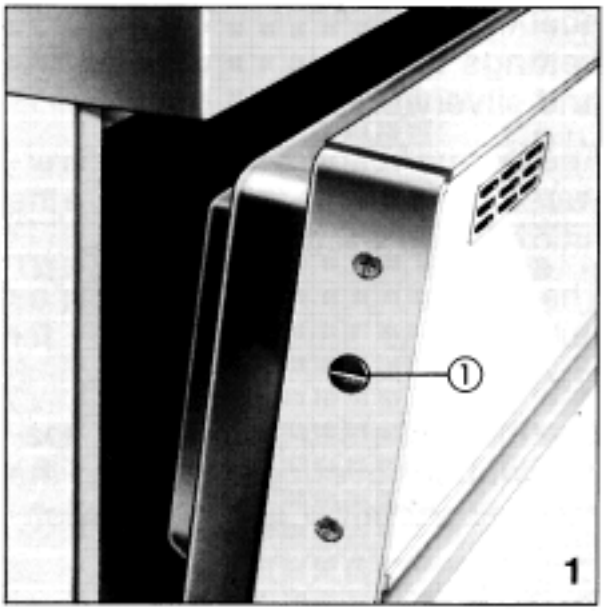
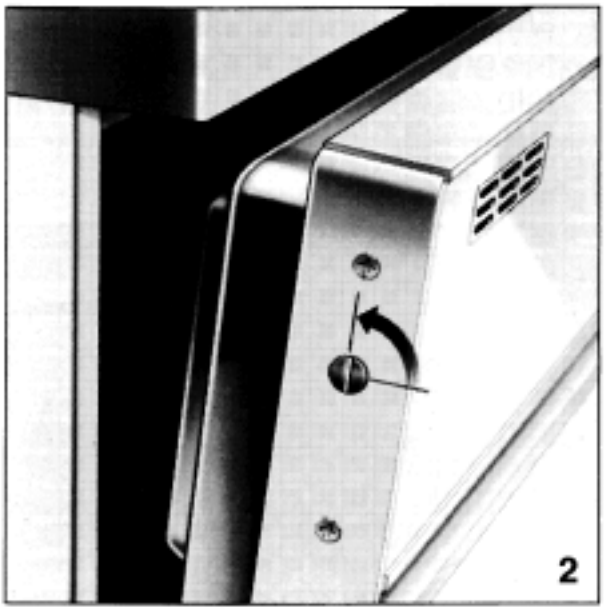
on the leftside of the control panel is used to increase or decrease the amount of water entering the appliance.





① Fill-time selector

Switch set at: "extended"

① Fill-time selector

The selector is set at "normal" in the factory (slot horizontal), see Ill. 1, and at this setting is very economical in its use of water and energy.

If the water pressure is too low (i. e. less than 1.5 bar, 147 kN per m^2), then it is advisable to set the selector to the "extended" position to ensure a good cleaning result.

- Use a coin to turn the fill-time-selector counter – clockwise to the "extended" position (slot vertical), Ill. 2.

If you prefer to have extra water for washing your dishes, then likewise select the "extended" position.

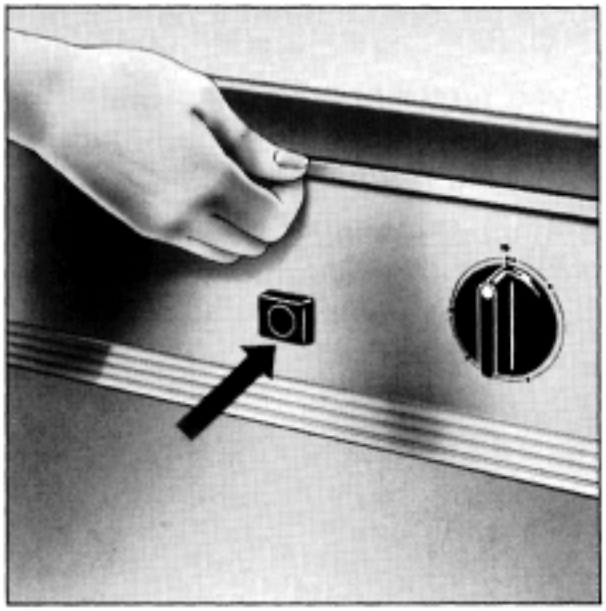
It must be pointed out that at this setting the dishwasher will also use slightly more electricity.

Loading the dishwasher

Open the door

- Press door release button – see arrow – is as far as possible, hold the grip rail and pull door out to the full.

with G 522 U



with G 522 i

Capacity

When fully loaded the machine can accommodate 12 "standard" place settings including serving dishes and silverware.

The top and bottom basket with silverware insert serve to accommodate the articles to be washed.

The top and bottom basket should be pulled out to the stop position for loading.

Use the baskets to their fullest capacity without overloading to get the most economical use of the dishwasher.

Remove large soils

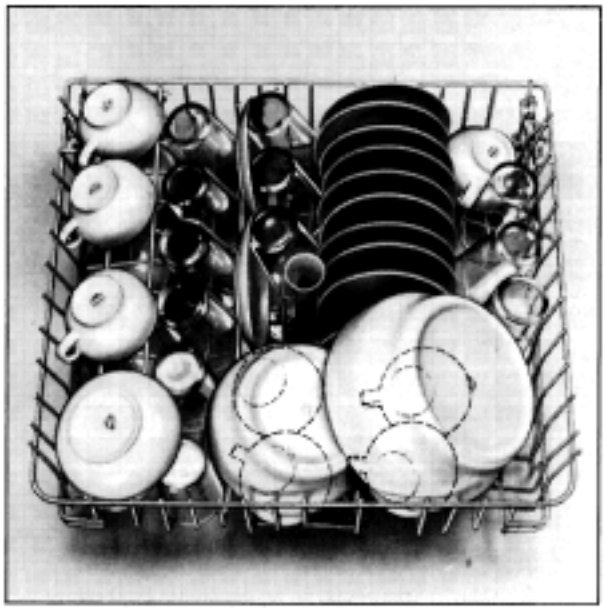
Large soils should be removed before placing the dishes in the machine. The dishes should not be dirtier than when put into the sink for washing by hand.

Loading the top basket

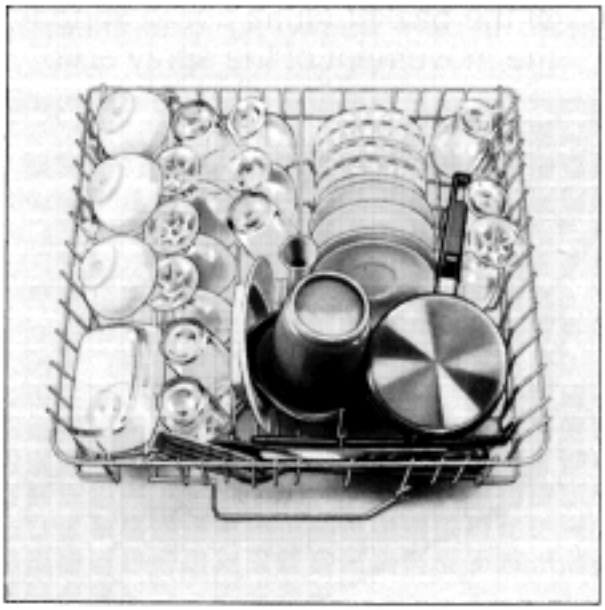
The top basket mainly accommodates small items such as

- Cups
- Saucers
- Dessert plates
- Glasses
- Small bowls
- Heat resistant plastic ware

Loading the dishwasher



Example of 12 standard place settings



Example of an assorted load

Two rows of cups or other shallow vessels, e. g. soup cups, may be placed one above the other on the sloping racks on the left hand side of the basket.

To facilitate loading the lower rack,the upper sloping rack can be raised to an upright position.

This feature also enables you to load tall objects on the left side of the basket.

Hollow bowls and dishes should be inverted.

Saucers and dessert plates

should be loaded on the right hand side of the basket with the dirty side facing the front of the machine.

Loading the bottom basket

The bottom basket mainly accommodates large articles such as:

- Plates
- Serving platters
- Bowls
- Saucepans

as well as silverware.

Glass may only be cleaned in the bottom basket if fitted with a special glassware insert.

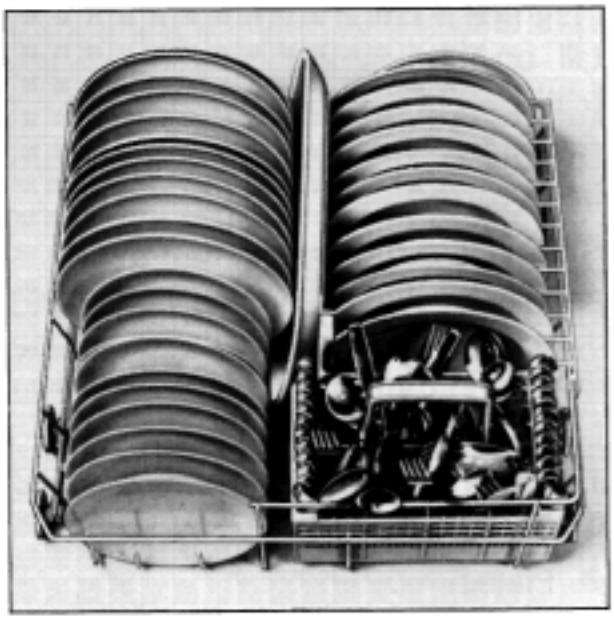
Plates

Plates should be sorted according to diameter and depth and placed in the basket with the dirty side facing the front of the machine.

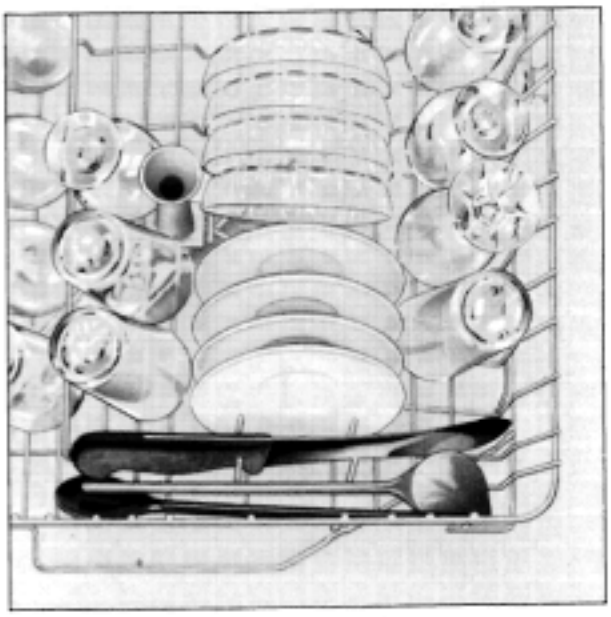
Hollow bowls and dishes

should be inverted.
Do not place larger items in the front left hand section of the bottom basket as this prevents the detergent dispenser from opening during the program.

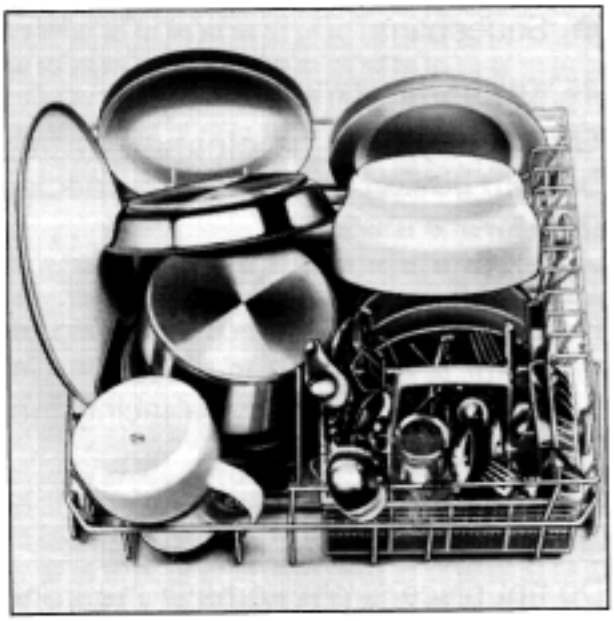
Loading the dishwasher



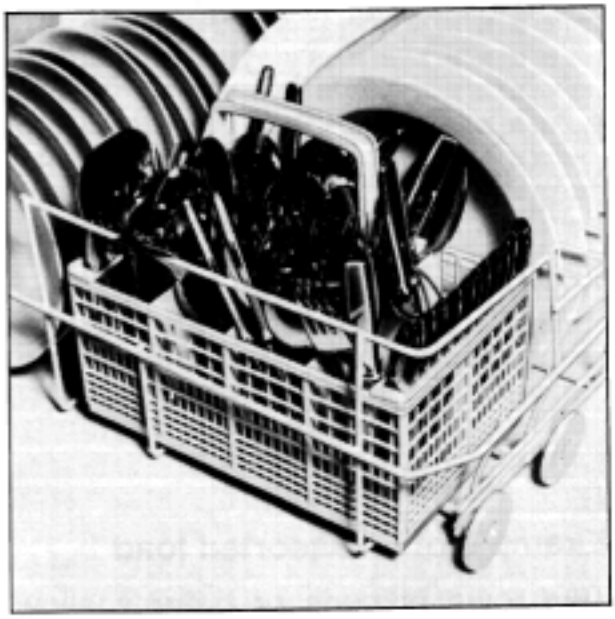
Example of 12 standard place settings



- Please place larger items of silverware in the front right hand section of the basket so as not to impede the movement of the spray arm.



Example of an assorted load



Silverware

Unsorted silverware should be loosely placed in the silverware basket with the handles upward. Make sure that the spoons do not stick together.

- Fit small spoons into the individual slots to the left and right of the silverware basket (see illustration). This prevents the spoons from sticking together and ensures they are cleaned and dried properly.

Notes on types of load

All kinds of dishes in general domestic use can be washed in the Miele dishwasher. The particular properties of some items however, should be kept in mind.

When purchasing new dishes, make sure they are dishwasher proof.

Cups, bowls etc. with recessed bottoms

hinder the drying process as the drops of water which remain in the recesses do not evaporate so quickly.

On dishes with colored patterns

if the color is beneath a good glaze, it can be considered permanent.

Painted dishes – over the glaze

Colors painted on over the glaze are generally produced in a quality which, bearing in mind the normal lifespan of the article, can be regarded as permanent.

With frequent use, fading of some delicate colors cannot always be entirely avoided.

If you are not sure whether the colors of a particular set of dishes are permanent, test wash one or two items which are already damaged for about 4 weeks.

Aluminum

Aluminum articles can suffer some discoloration, as can **silver cutlery** when used with foods containing sulphur (e. g. eggs).
The discoloration on silver cutlery can be removed easily with silver polish.

Hand-made or craft items

are often not suitable for machine washing. The relatively high temperatures may result in damage to these articles.

Wood

Wood articles, e. g. cutting boards are sensitive to intensive cleaning and may warp or split.

Old knives

The blades and handles of old knives may be glued together and therefore should not be cleaned in the dishwasher as the glue may not be heat resistant.

Plastic

Plastic articles may distort if they are not heat resistant.
Only wash plastic articles known to be heat resistant in a dishwasher, in which case use the top basket only. When in doubt, wash by hand.

Notes on types of load

Glassware

It should be noted that some glassware may not be suitable for automatic dishwashers. With use, etching could occur. We therefore recommend that, where possible, glasses be washed in the "Economy" program. The danger of damage should be less in this program.

Please ensure glasses are securely loaded in the top basket and cannot rattle against each other. Glasses should only be washed in the top basket.

If washed in the bottom basket, the special glassware insert must be used (available from the Miele Spares Department).

Valuable glasses should be washed by hand.

Adding detergent

For automatic dishwashing you require:

- Powder or granular **detergent**
- Liquid **rinse aid**

Only use detergents formulated for domestic dishwashers.
Do not use liquid detergent!

Adding detergent

Powder detergent is poured into the dispenser before each program, except for "Rinse & Hold".

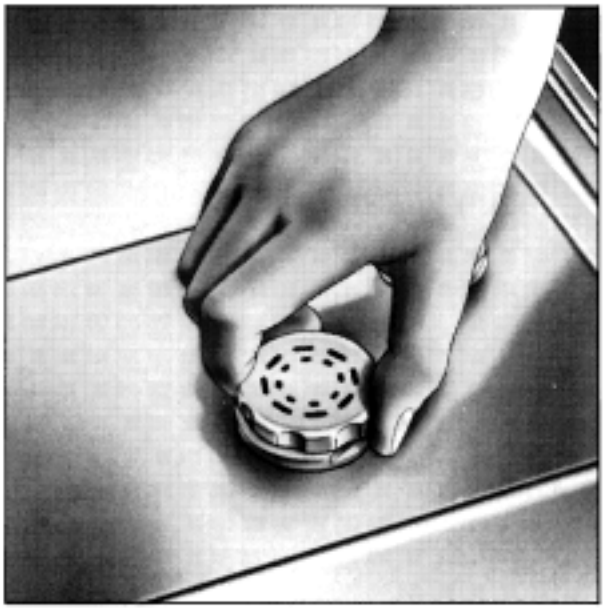
- For the "Economy" program you will require approx. 1 1/2 tablespoons.
- For all other programs you will require approx. 2 tablespoons.

After adding detergent, close the lid of the dispenser. The detergent is automatically added at the correct time during the program.

Adding detergent

Adding rinse aid

Rinse aid is poured into the storage container with a capacity of approximately 12.2 cu in. The required amount is dispensed automatically during the final rinse.



- Undo the screw cap.

- Pour rinse aid into the storage container and watch the level indicator (see arrow in illustration above).

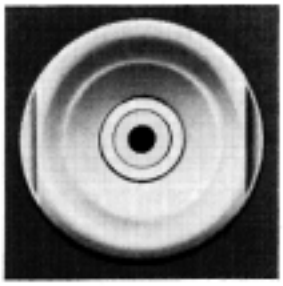
Tip

To avoid spilling rinse aid when filling the container:

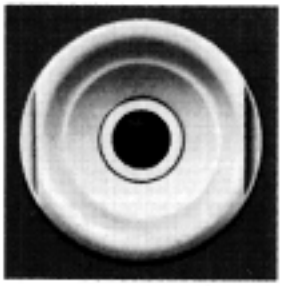
- Open the door about two-thirds of the way, lay the bottle against the container opening and then open the door while pouring.

The rinse aid level indicator shows how much rinse aid is stored in the container.

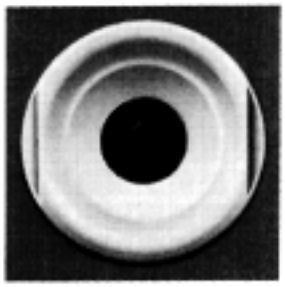
empty



3.7-5.5 cu in.



5.5-11 cu in.



11-12.2 cu in.

The storage container is full when dark coloring covers the whole surface of the level indicator.

Then:

- replace the screw cap securely.
- mop up any rinse aid which may have been spilt, as otherwise excessive foaming will occur during the next program.

Adding detergent

Altering the amount of rinse aid dispensed

A fixed quantity of rinse aid (approx. 2 ml. pre-set at the factory) is dispensed automatically during the final rinse.

Increase the amount of rinse aid if droplets form on the dishes. Decrease the amount if the dishes are smeared.

- Undo the screw cap.
- The dispenser adjuster can be seen at the bottom of the opening.

- Use a screwdriver to push the dispenser adjuster in the required direction. It can be adjusted between 1-6, i. e. between 1 to 6 ml. rinse aid is dispensed per program.
- Replace the screw cap securely.

Closing the door

To close the door, lift it up until the lock catches. The "Door release" button should not be pressed when closing the door as the lock will not catch and the dishwasher cannot be switched on.

Switching on

When the dishwasher has been loaded, the detergent added, and the door firmly closed, proceed as follows:

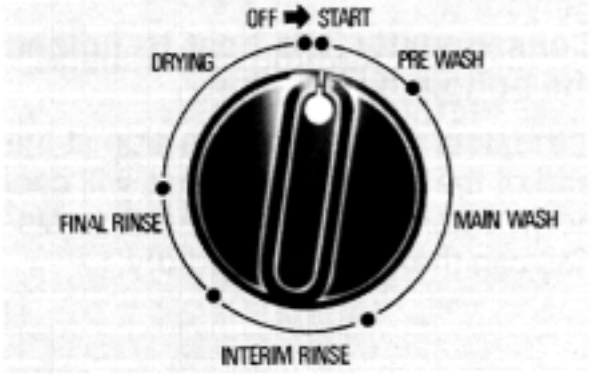
Turn on the water valve

Before switching on, the water valve must be turned on. The dishwasher is then ready for operation.

Should you ever forget to open the water valve and the program has already started, turn the program switch clockwise round to the "Stop" position, "0", and turn the "program indicator" clockwise round to the "Start" position. After opening the watervalve the desired program can be reselected.

Switching on

The dishwasher is fitted with dual controls, the program sequence switch and the program selector switch, for ease of operation.



Please proceed in the following order:

- Set the program selector switch to the required program, e. g. "Intensive Wash". The selector can be turned to the left or right as required.
- Next turn the program indicator switch to the "Start" position, (see illustration).

The program sequence switch must only be turned in a clockwise direction.

If you inadvertently set the indicator switch past "Start"

- Turn the program selector to "0".
- Turn the program indicator through one complete clockwise revolution round to "Start" again.
- Select the required program.

For detailed description of the individual programs, see pages 15–18.

Program sequence:

After switching on, the program continues automatically.

The program indicator switch moves round the dial step by step, showing the stage which the program has reached.

The program indicator switch remains stationary at the beginning of the main wash and final rinse sectors until the required temperature has been reached.

The length of the heating up period depends on whether the machine is connected to a hot or cold water supply and on the size of the load. The heating up period is shorter if the machine is connected to a hot water supply.

Switching on

Interrupting a program

For example, when articles in the dishwasher rattle or bump against each other during a program and have to be rearranged.

Turn the program selector switch to "0". The door can then be opened and the dishes loaded correctly.

Then, close the door and turn the program selector switch to the required program.

Note:

Leave the door ajar for a few minutes.

After waiting a short while, the door can then be closed.

Switching off

With the exception of the "Rinse & Hold" program, all the programs are completed when the program switch has turned through one complete revolution and is at the "Stop" position.

To achieve complete disconnection of the machine:

- Turn the program selector switch to "0".
- Turn off the water valve.

Unloading the machine

You should allow 15 minutes after completion of the program for the load to cool down.

Then open the door. The bottom basket should be cleared before the top basket.

Drops of water may remain in the bottom of some vessels (such as cups or bowls) after drying.

Unloading the top basket first could cause drops of water to fall on to dry articles in the bottom basket.

Consequently it is best to unload the bottom basket first.

If the door is opened a fraction at the end of the program, the load will cool down within a few minutes. The dishes can then be removed dry.

"Intensive Wash" program

Program sequence switch **Program selector switch**

For normally soiled dishes and non-delicate glassware with dried-on stains.

Detergent: Pour 1 oz (approx. 2 heaped tablespoons)

Rainse aid: Check that the dispenser contains rinse aid (dark coloring must be visible in the level indicator).

Switching on: Turn the program sequence switch to "Start". Turn the program selector to "Intensive Wash".

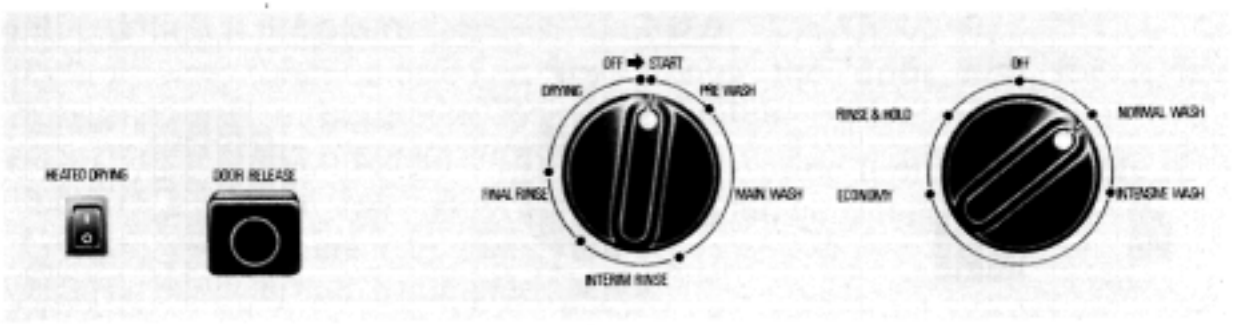
Program sequence:

1. **Pre-wash**
2. **Main-wash 150° F**
3. **Interim rinse**
4. **Final rinse 150° F**
5. **Drying**

Consumption figures:

Energy:	approx. 0,60 kWh
Water:	approx. 30 liters
Length of program:	approx. 66 mins.

"Normal Wash" program



Program sequence switch **Program selector switch**

The program for normally soiled dishes without dried-on soils, and for glasses.

Detergent: Pour 1 oz (approx. 2 heaped tablespoons) into the detergent dispenser.

Rinse aid: Check that the dispenser contains rinse aid (dark coloring must be visible in the level indicator).

Switching on: Turn the program sequence switch to "Start". Turn the program selector switch to "Normal Wash".

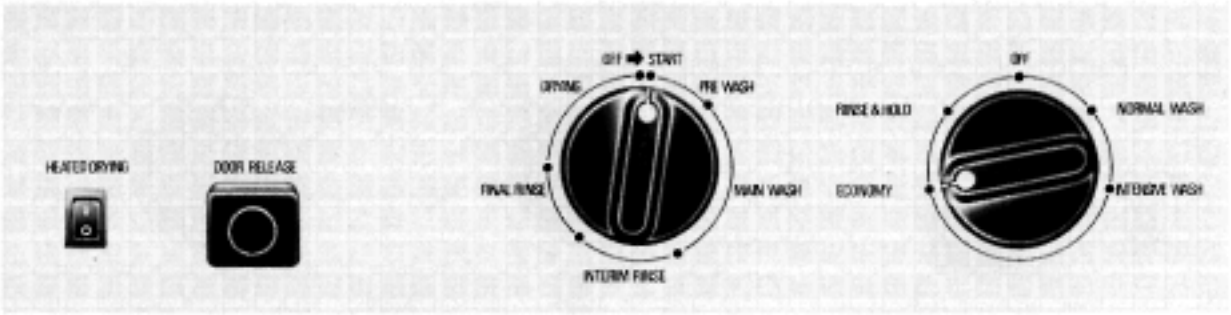
Program sequence:

1. **Pre-wash**
2. **Main-wash 130° F**
3. **Interim rinse**
4. **Final rinse 150° F**
5. **Drying**

Consumption figures:

Energy:	approx. 0,50 kWh
Water:	approx. 30 liters
Length of program:	approx. 61 mins.

"Economy program"



Program sequence switch **Program selector switch**

The program for lightly soiled dishes and glassware.

Detergent: Pour $^{3}/_{4}$ oz (approx. $1^{1}/_{2}$ heaped tablespoons) into the detergent dispenser.

Rinse aid: Check that the dispenser contains rinse aid (dark coloring must be visible in the level indicator).

Switching on: Turn the program sequence switch to "Start". Turn the program selector switch to "Economy".

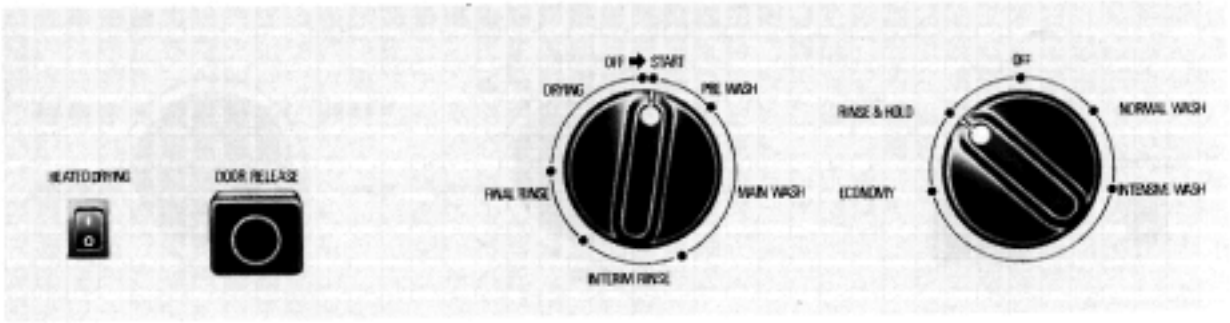
Program sequence:

1. **Main-wash 130° F**
2. **Interim rinse**
3. **Final rinse 130° F**
4. **Drying**

Consumption figures:

Energy:	approx. 0,50 kWh
Water:	approx. 24 liters
Length of program:	approx. 59 mins.

"Rinse & Hold" program



Program sequence switch **Program selector switch**

The program for dishes that are to be left in the machine for some time before being washed. It prevents soils from drying on.

Detergent: Do not add.

Switching on: Turn the program sequence switch to "Start". Turn the program selector switch to "Rinse & Hold".

Program sequence: The program consists of a cold pre-wash only.

Consumption figures:

Energy:	approx. 0,05 kWh
Water:	approx. 10 liters
Length of program:	approx. 6 mins.

Cleaning and care

Cleaning the filters in the wash cabinet

The wash water passes through a triple filter combination in the base of the wash cabinet which consists of:

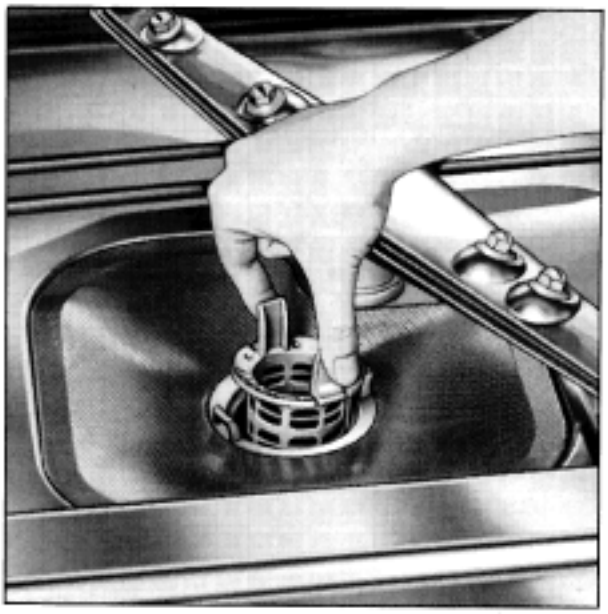
- Coarse filter
- Fine filter
- Micro-fine filter

It is of the utmost importance that the filters are kept clean, otherwise the water overflow protection cannot function properly.

The filter combination has been designed so that most of the soils are collected in the coarse filter.

The coarse filter should therefore be inspected and, if necessary, cleaned after every program.

Cleaning the coarse filter

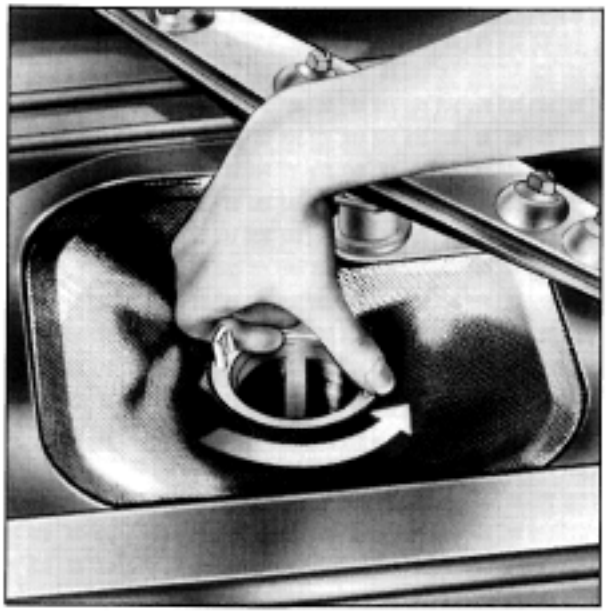


- Press the two lugs inwards and remove the filter.
- Clean the filter.

- Replace the clean filter and press on the lugs until it clicks into place.

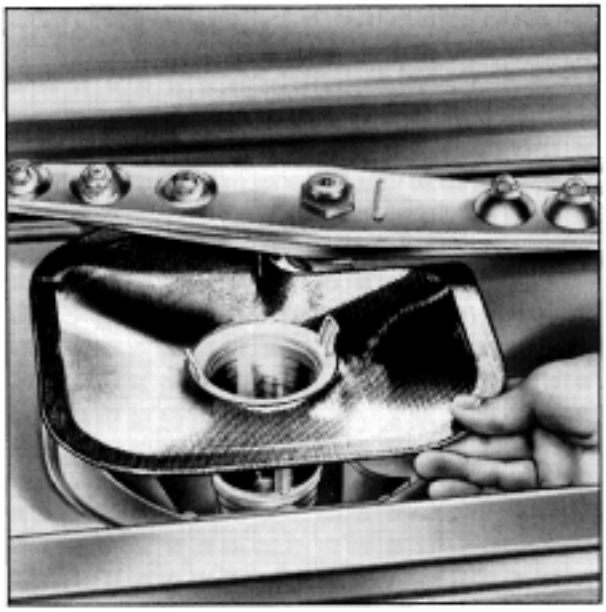
Cleaning the fine and micro-fine filters

- Remove the coarse filter.
- To unscrew the micro-fine filter, take hold of the two lugs, turn twice in a counter-clockwise direction



and remove together with the fine filter.

Cleaning and care



- Clean all the filters.
  The filter combination is then replaced in the reverse order to which it was removed.
- Insert the fine and micro-fine filters and screw firmly into place.
- Replace the coarse filter until it clicks into place.

The dishwasher must not be used without all the filters in place.

Cleaning the filters in the water inlet

Two filters are incorporated in the water inlet to protect the solenoid valve and filter out any impurities in the water supply.

The filters must be cleaned when dirty, otherwise insufficient water flows into the wash cabinet.

One filter is located in the solenoid valve and may only be cleaned or replaced by a trained engineer. As this seldom needs to be done – if at all – there is a second easily accessible filter in the threaded union of the water inlet hose.

- Turn off the water valve.
- Unscrew the inlet hose.
  Wrap a cloth around the outlet to soak up any excess water.
- Carefully remove the rubber seal.
- Withdraw the filter, clean it, or renew if necessary.
- Replace filter and seal. Refit the hose and turn on the watervalve to test for leaks.

Fitting an in-line water filter

If the mains water contains a large number of insoluble substances, we recommend fitting a large area filter in the connection between the water valve and the water inlet hose. These filters can be obtained from the Miele Spares Department (Part No. 75577).

Care of the appliance

The wash cabinet and baskets

are automatically cleaned during the wash program.

The control panel

should only be wiped with a damp cloth.

Do not use a scouring agent!

Also make sure that detergent and rinse aid do not splash the control panel, they could damage the surface.

The front of the dishwasher

should be cleaned with a product suitable for the type of front fitted.

Fronts made of wood should only be rubbed down with a damp cloth or leather, and dried with paper kitchen roll.

Do not use any cleaning agent containing ammonia or thinners.

Installation, Electrical connection & Plumbing

Please read separate instructions included with the appliance.

Dealing with minor faults

Fault	Check for possible causes
The dishwasher does not start	● Has the door been properly closed? ● Is the plug correctly inserted in the socket and is the fuse in order? ● Have you followed the correct program selection sequence as instructed?
The dishes are not clean	● Are the dishes correctly loaded? ● Was the recommended amount of detergent used? ● Has the water valve (water supply) been fully turned on? ● Are the filters in the wash cabinet clean (especially the micro-fine filter), and have they been correctly inserted? ● Are the water inlet filters clean? ● Is the water pressure too low so that insufficient water is admitted to the wash cabinet? If so, the fill-time can be extended, (see page 5).
The dishes are not sparkling clean	● Is there any rinse aid in the storage container? ● Is the amount of rinse aid sufficient?

Note: Where water contains impurities or too much residue, this can in certain circumstances mean that glasses do not have a sparkling finish, as residues from the water may have been deposited, leaving marks.

Should you still have any difficulties, please contact your Miele dealer or the Miele Service Department, (see back page for address).

Miele

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